

# **Delta Science Program Brown Bag Series Presents**

## **The National Science Foundation Resilient and Sustainable Infrastructure Networks (RESIN) Initiative in the Delta: Update on Risk Assessment and Management Strategies**

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UC Berkeley Center for Catastrophic Risk Management

**Wednesday March 16, 2011, 12 noon – 1 p.m.  
Cal-EPA Building, 2<sup>nd</sup> Floor: Training Room 2  
1001 “I” Street, Sacramento CA 95814**



Emery Roe's presentation will be on findings and implications to date of a four-year research initiative in the Sacramento-San Joaquin Delta funded by the National Science Foundation. The RESIN initiative focuses on developing new risk assessment and management strategies for threats to the Delta's resilience and sustainability, such as levee failure, that affect multiple infrastructures that are adjacent or connected to each other.

The critical infrastructures of interest are the large systems for water distribution, flood protection, power supply, transportation and telecommunications in the Delta. When one system fails, others may fail as well. The RESIN research also includes assessing how the infrastructure interacts with the ecosystem, and the interdependence between the ecosystem and the infrastructure.

For information on RESIN please visit the UCB project website:  
<http://ccrm.berkeley.edu/resin/>